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Serial Number: 10/784,497

Appn. Filed: 02/23/2004

Applicant(s): Jiang Lu, Samuel F. Azlein

Appn. Title: Aerosol Splitter for ELSD

Examiner/GAU: Davis D. Hwu

Faxed : February 22, 2007 (Broomfield, CO)

Amendment A

Commissioner for Patents  
Washington, District of Columbia 20231

Sir:

In response to the Office Letter mailed 12/05 2006, please amend the above application as follows:

**CLAIMS**

Cancel all claims of record and substitute new claims 5, 6, 7 and 8.

5. An aerosol splitting device, comprising
  - a. a nebulizer means for generating aerosol particles, and
  - b. a non-linear spray chamber means for segregating said aerosol particles based upon their momentum and thus upon their size, and
  - c. temperature control of said non-linear spray chamber as means for shifting aerosol size distribution, and
  - d. a drain suitably located in said non-linear spray chamber